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Datasheet for ABIN6256905
anti-APOL1 antibody (C-Term)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | APOL1 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This APOL1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF) |

Product Details

| | |
|---------------|---|
| Immunogen: | A synthesized peptide derived from human APOL1, corresponding to a region within C-terminal amino acids. |
| Isotype: | IgG |
| Specificity: | APOL1 Antibody detects endogenous levels of total APOL1. |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

Target Details

| | |
|-------------------|--|
| Target: | APOL1 |
| Alternative Name: | APOL1 (APOL1 Products) |

Target Details

Background: Description: May play a role in lipid exchange and transport throughout the body. May participate in reverse cholesterol transport from peripheral cells to the liver.
Gene: APOL1

Molecular Weight: 44 kDa

Gene ID: 8542

UniProt: [O14791](#)

Application Details

Application Notes: WB 1:500-1:1000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

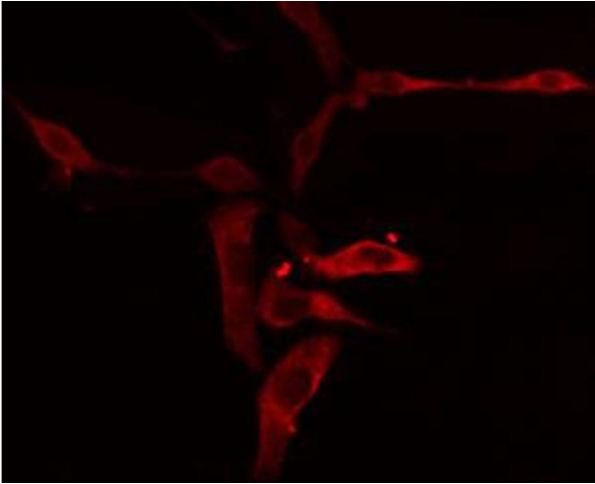
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

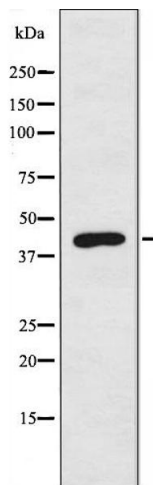
Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

Expiry Date: 12 months



Immunofluorescence (fixed cells)

Image 1. ABIN6274856 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody.



Western Blotting

Image 2. Western blot analysis of extracts from A549 cells, using APOL1 antibody.